



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/927,933A  
Source: IFW16  
Date Processed by STIC: 7/28/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

## Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: <u>09/927,933A</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 _____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 _____ Invalid Line Length	The rules require that a line <b>not exceed</b> 72 characters in length. This includes white spaces.	
3 _____ Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do <b>not</b> use tab codes between numbers; use <b>space characters</b> , instead.	
4 _____ Non-ASCII	The submitted file was <b>not</b> saved in ASCII(DOS) text, as <b>required</b> by the Sequence Rules. <b>Please ensure your subsequent submission is saved in ASCII text.</b>	
5 _____ Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. <b>Per Sequence Rules, each n or Xaa can only represent a single residue.</b> Please present the <b>maximum</b> number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 _____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. <b>This applies to the mandatory &lt;220&gt;-&lt;223&gt; sections for Artificial or Unknown sequences.</b>	
7 _____ Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for <b>each</b> skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) _____ SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped  Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to <b>include</b> the skipped sequences.	
8 _____ Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If <b>intentional</b> , please insert the following lines for <b>each</b> skipped sequence. <210> sequence id number <400> sequence id number 000	
9 _____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is <b>MANDATORY</b> if n's or Xaa's are present. In <220> to <223> section, please explain location of <b>n</b> or <b>Xaa</b> , and which residue <b>n</b> or <b>Xaa</b> represents.	
10 <u>  </u> Invalid <213> Response	Per 1.823 of Sequence Rules, the only <b>valid</b> <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is <b>required</b> when <213> response is Unknown or is Artificial Sequence	
11 _____ Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is <b>MANDATORY</b> if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 _____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 _____ Misuse of n/Xaa	<b>"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid</b>	



IFW16

## RAW SEQUENCE LISTING

DATE: 07/28/2004

PATENT APPLICATION: US/09/927,933A

TIME: 16:34:23

Input Set : A:\09927933seq.TXT

Output Set: N:\CRF4\07282004\I927933A.raw

3 <110> APPLICANT: LEROY, Pierre  
 4 MEHTALI, Majid  
 6 <120> TITLE OF INVENTION: NOVEL IMPLANT AND NOVEL VECTOR FOR THE TREATMENT OF  
 7 ACQUIRED DISEASES  
 9 <130> FILE REFERENCE: 032751-066  
 11 <140> CURRENT APPLICATION NUMBER: 09/927,933A  
 12 <141> CURRENT FILING DATE: 2001-08-13  
 14 <150> PRIOR APPLICATION NUMBER: 08/809,110  
 15 <151> PRIOR FILING DATE: 1997-03-31  
 17 <150> PRIOR APPLICATION NUMBER: PCT/FR95/01171  
 18 <151> PRIOR FILING DATE: 1995-09-13  
 20 <150> PRIOR APPLICATION NUMBER: FR 94 10911  
 21 <151> PRIOR FILING DATE: 1994-09-13  
 23 <160> NUMBER OF SEQ ID NOS: 22  
 25 <170> SOFTWARE: PatentIn Ver. 2.0  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 25  
 29 <212> TYPE: DNA  
 30 <213> ORGANISM: synthetic oligonucleotide OTG5168  
 32 <400> SEQUENCE: 1  
 33 ggaagcttcc atggacatga gggtc 25  
 35 <210> SEQ ID NO: 2  
 36 <211> LENGTH: 25  
 37 <212> TYPE: DNA  
 38 <213> ORGANISM: synthetic oligonucleotide OTG5169  
 40 <400> SEQUENCE: 2  
 41 aagaattcct aacactctcc cctgt 25  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 25  
 45 <212> TYPE: DNA  
 46 <213> ORGANISM: synthetic oligonucleotide OTG5170  
 48 <400> SEQUENCE: 3  
 49 aaaagcttcc atggagttgg gtctg 25  
 51 <210> SEQ ID NO: 4  
 52 <211> LENGTH: 25  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: synthetic oligonucleotide OTG5171  
 56 <400> SEQUENCE: 4  
 57 gggaattctc atttagccgg agaca 25  
 60 <210> SEQ ID NO: 5  
 61 <211> LENGTH: 27  
 62 <212> TYPE: DNA  
 63 <213> ORGANISM: synthetic oligonucleotide OTG6114

rr 1-4

empty  
to Header

initial <213> response. see item 10 on Env summary sheet.

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TIME: 16:34:23

Input Set : A:\09927933seq.TXT

Output Set: N:\CRF4\07282004\I927933A.raw

65 <400> SEQUENCE: 5  
66 gggaattcca ccatgggcat caagatg 27  
68 <210> SEQ ID NO: 6  
69 <211> LENGTH: 30  
70 <212> TYPE: DNA  
71 <213> ORGANISM: synthetic oligonucleotide OTG6115  
73 <400> SEQUENCE: 6  
74 ggtctagatc taacactcat tcctgttgaa 30  
76 <210> SEQ ID NO: 7  
77 <211> LENGTH: 27  
78 <212> TYPE: DNA  
79 <213> ORGANISM: synthetic oligonucleotide OTG6192  
81 <400> SEQUENCE: 7  
82 ctgtcgacca ccatggatgg agcagag 27  
84 <210> SEQ ID NO: 8  
85 <211> LENGTH: 43  
86 <212> TYPE: DNA  
87 <213> ORGANISM: synthetic oligonucleotide OTG6194  
89 <400> SEQUENCE: 8  
90 acgaattcgc ggccgcgctc cctccgccac ctttaccgg agt 43  
92 <210> SEQ ID NO: 9  
93 <211> LENGTH: 26  
94 <212> TYPE: DNA  
95 <213> ORGANISM: synthetic oligonucleotide OTG5147  
97 <400> SEQUENCE: 9  
98 ctgtggcggc cgccgcacag gttatc 26  
100 <210> SEQ ID NO: 10  
101 <211> LENGTH: 28  
102 <212> TYPE: DNA  
103 <213> ORGANISM: synthetic oligonucleotide OTG5148  
105 <400> SEQUENCE: 10  
106 caggcggccg cttttttcgt tatctgat 28  
108 <210> SEQ ID NO: 11  
109 <211> LENGTH: 21  
110 <212> TYPE: DNA  
111 <213> ORGANISM: synthetic oligonucleotide OTG5299  
113 <400> SEQUENCE: 11  
114 tacattacag cctcagaagc a 21  
116 <210> SEQ ID NO: 12  
117 <211> LENGTH: 23  
118 <212> TYPE: DNA  
119 <213> ORGANISM: synthetic oligonucleotide OTG6193  
121 <400> SEQUENCE: 12  
122 acgaattctc atttaccgg agt 23  
124 <210> SEQ ID NO: 13  
125 <211> LENGTH: 35  
126 <212> TYPE: DNA  
127 <213> ORGANISM: human CD4 cDNA  
129 <400> SEQUENCE: 13

OK

↑  
This is acceptable because it gives more of a Genus/species response.

## RAW SEQUENCE LISTING

DATE: 07/28/2004

PATENT APPLICATION: US/09/927,933A

TIME: 16:34:23

Input Set : A:\09927933seq.TXT

Output Set: N:\CRF4\07282004\I927933A.raw

130 ccgctcgagc caccatgaac cggggagtc ctttt 35  
 132 <210> SEQ ID NO: 14  
 133 <211> LENGTH: 30  
 134 <212> TYPE: DNA  
 135 <213> ORGANISM: human CD4 cDNA OK  
 137 <400> SEQUENCE: 14  
 138 acaagatttg ggctcctgga aagctagcac 30  
 140 <210> SEQ ID NO: 15  
 141 <211> LENGTH: 30  
 142 <212> TYPE: DNA  
 143 <213> ORGANISM: cDNA of heavy chain of antibody 2F5  
 145 <400> SEQUENCE: 15  
 146 gtgctagctt tccaggagcc caaatcttgt 30  
 148 <210> SEQ ID NO: 16  
 149 <211> LENGTH: 36  
 150 <212> TYPE: DNA  
 151 <213> ORGANISM: cDNA of heavy chain of antibody 2F5  
 153 <400> SEQUENCE: 16  
 154 tgggcccggg atgggggag ggtgtacacc tgtggt 36  
 156 <210> SEQ ID NO: 17  
 157 <211> LENGTH: 27  
 158 <212> TYPE: DNA  
 159 <213> ORGANISM: human angiogenin cDNA OK  
 161 <400> SEQUENCE: 17  
 162 gggggatccc aggataactc caggtac 27  
 164 <210> SEQ ID NO: 18  
 165 <211> LENGTH: 27  
 166 <212> TYPE: DNA  
 167 <213> ORGANISM: human angiogenin cDNA OK  
 169 <400> SEQUENCE: 18  
 170 ggggaattct tacggacgac ggaaaat 27  
 172 <210> SEQ ID NO: 19  
 173 <211> LENGTH: 30  
 174 <212> TYPE: DNA  
 175 <213> ORGANISM: cDNA of heavy chain of antibody 2F5  
 177 <400> SEQUENCE: 19  
 178 tgcccccatc ccgggaggag atgaccaaga 30  
 180 <210> SEQ ID NO: 20  
 181 <211> LENGTH: 36  
 182 <212> TYPE: DNA  
 183 <213> ORGANISM: cDNA of heavy chain of antibody 2F5  
 185 <400> SEQUENCE: 20  
 186 gggggatccc ccgccacctt tagccggaga caggga 36  
 188 <210> SEQ ID NO: 21  
 189 <211> LENGTH: 7  
 190 <212> TYPE: PRT  
 191 <213> ORGANISM: HIV gp41 2F5 epitope  
 193 <400> SEQUENCE: 21  
 194 Glu Leu Asp Lys Trp Ala Ser

This is an acceptable <213> response because it  
 gives more information  
 as to Genus/species.

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DATE: 07/28/2004

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Input Set : A:\09927933seq.TXT

Output Set: N:\CRF4\07282004\I927933A.raw

195 1 5  
197 <210> SEQ ID NO: 22  
198 <211> LENGTH: 5  
199 <212> TYPE: PRT  
200 <213> ORGANISM: Linker  
202 <400> SEQUENCE: 22  
203 Gly Gly Gly Gly Ser  
204 1 5

**VERIFICATION SUMMARY**

DATE: 07/28/2004

PATENT APPLICATION: US/09/927,933A

TIME: 16:34:24

Input Set : A:\09927933seq.TXT

Output Set: N:\CRF4\07282004\I927933A.raw